

METHODS AND APPARATUS FOR QUERY REWRITE WITH AUXILIARY ATTRIBUTES IN QUERY PROCESSING OPERATIONS

Abstract

Methods and apparatus are provided for rewriting queries during a database query
5 processing operation to include auxiliary attributes not included in the original query, thus
improving processing efficiency. For example, in one aspect of the invention, a
technique for rewriting a query in a query processing operation includes the following
steps. First, the query is processed in accordance with at least a portion of a data set,
producing query results. Second, data attributes from the query results are analyzed.
10 Finally, at least one new predicate from at least one auxiliary data attribute is appended
on the query.